

Proprietary

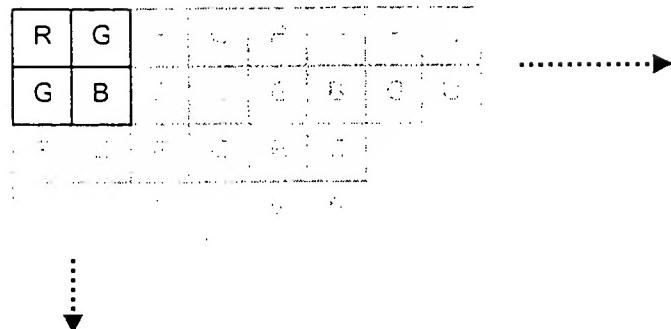


Figure 1. Bayer Filter Pattern on CCD

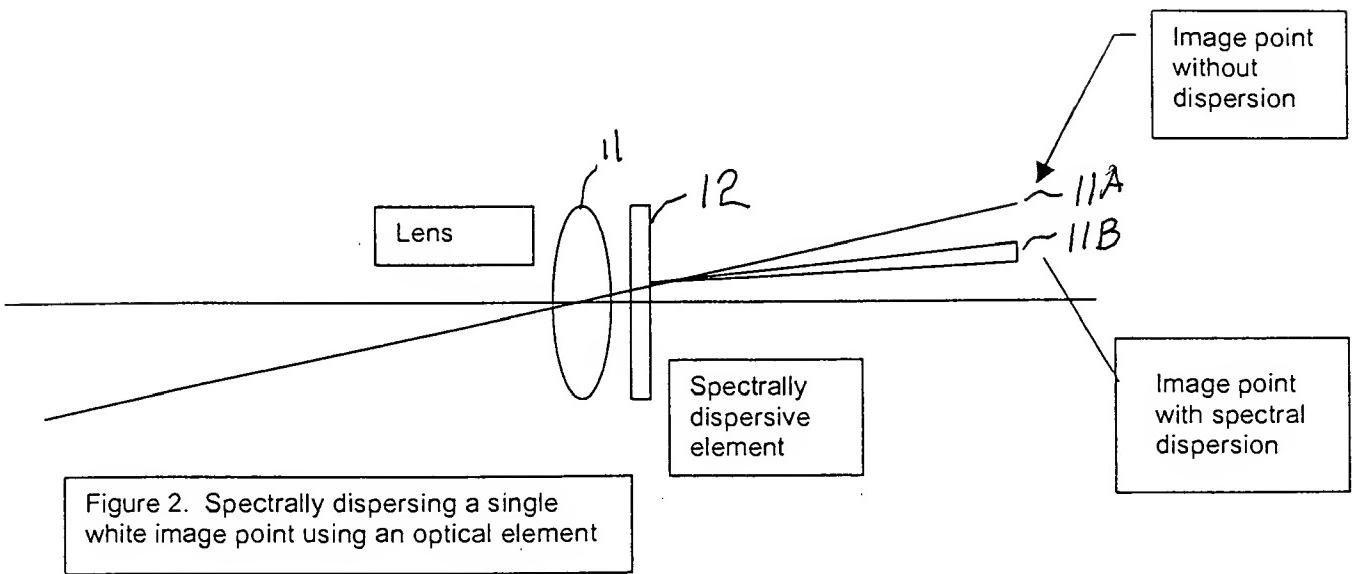


Figure 2. Spectrally dispersing a single white image point using an optical element

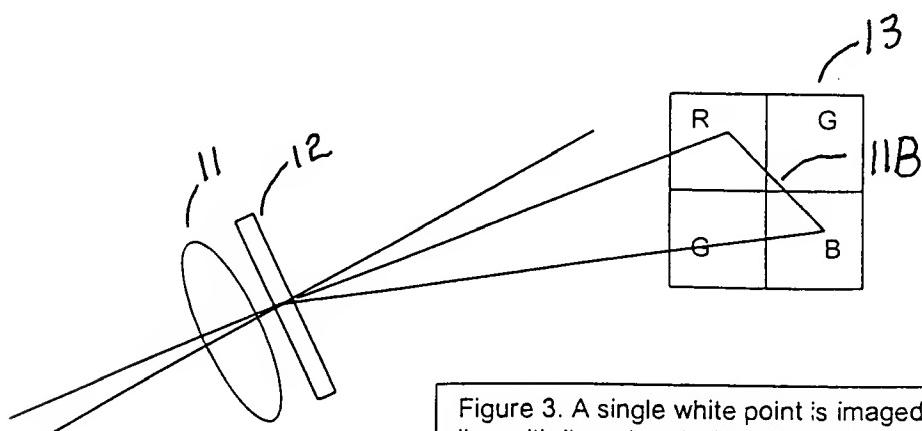


Figure 3. A single white point is imaged as a line with its red end within the red pixel and its blue end within the blue pixel.

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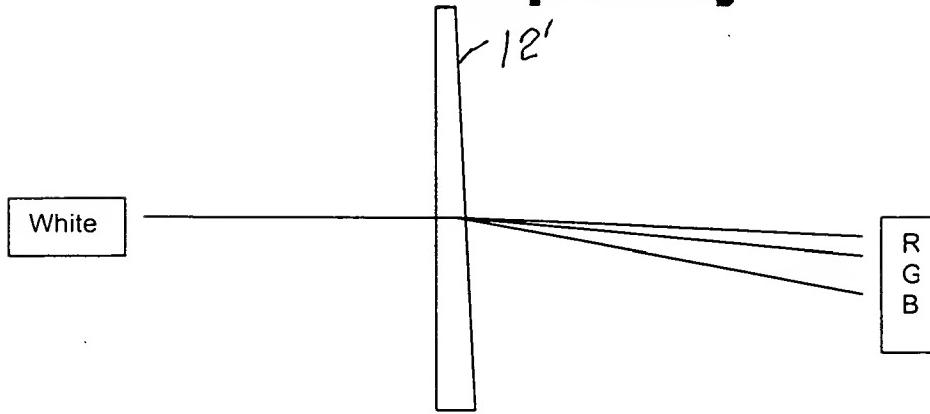


Figure 4. Spectral dispersion property of a Plane Non-parallel Plate or "Optical Wedge".

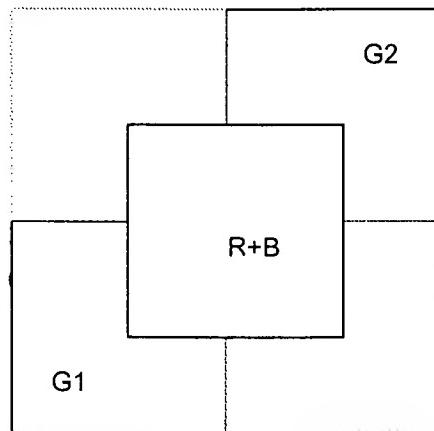


Figure 5. Effective location and color of recorded pixels using dispersive element and Bayer pattern CCD.

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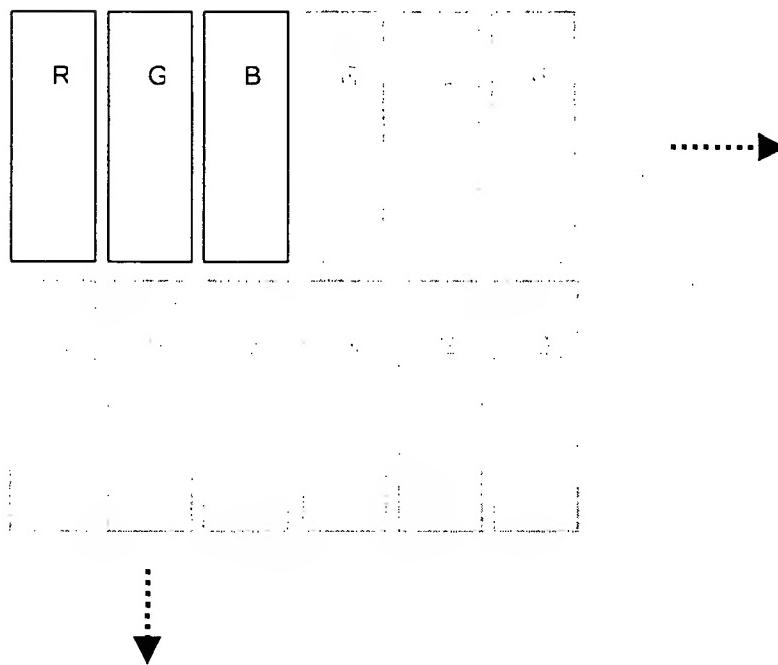


Figure 6. Optimum Tri-stripe Filter Pattern.

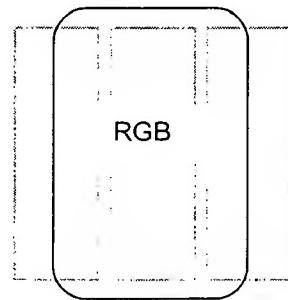


Figure 7. Effective location and color of recorded pixels using dispersive element and Optimum pattern CCD. Includes Optical image smear effect in direction of dispersion.